Stanislaus County
Department of Environmental Resources
3800 Cornucopia Way, Suite C
Modesto, California 95358

Summary Report of Subsurface Investigation

Former GC & SP Trucking Facility
2006 L Street
Newman, California
ATC Project No. 54.24614.0001

Prepared on Behalf of:

Mr. William Cerutti
26118 McClintock Road
Newman, California 95360

January 6, 2006

ATC ASSOCIATES INC.

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January 6, 2006
54.24614.0001

Ms. Vicki Jones
Stanislaus County Department of Environmental Resources
3800 Cornucopia Way, Suite C
Modesto, California 95358

Subject: Subsurface Investigation at the Former GC & SP Trucking Facility, 2006 L Street, Newman, California

Dear Ms. Jones:

ATC Associates Inc. has completed the Subsurface Investigation of the above referenced site. The attached report summarizes our activities and findings. Based on our findings, ATC recommends no further action at the subject site.

If you should have any questions or comments regarding this report or our recommendations, please feel free to call us at your convenience at (209) 579-2221.

Respectfully submitted,
ATC Associates Inc.

Nathan Christman
Staff Geologist

Jeanne Homsey, P.E.
CA Professional Engineer No. 47410

cc: Mr. Chuck Betty
Mr. William Cerutti
Mr. Hurd Barrington
Mr. Timothy Snoke
Mr. Michael Smith, RWQCB

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Summary Report of Subsurface Investigation

Former GC & SP Trucking Facility
2006 L Street
Newman, California
ATC Project No. 54.24614.0001

1.0 INTRODUCTION

ATC Associates Inc. (ATC) has prepared this report on behalf of Mr. William Cerutti of Newman Investments to summarize the results of subsurface investigation activities performed on October 28, 2005, at the above referenced site (Figure 1). The purpose of the subsurface investigation was to evaluate the lateral extent of impacted soil and groundwater, if any, at the facility. The findings of the subsurface investigative study are summarized in the following report.

1.1 Site Location

The site is located at 2006 L Street in Newman, California, as shown on Figure 1. Principal land use in the vicinity of the site consists of industrial properties. The site is currently occupied by a welding and machine shop.

1.2 Background

In approximately 1993, a site observation well was installed at the site. The well is approximately twelve feet in depth and twelve inches in diameter made of PVC plastic with no perforated or screened interval. The well was installed at the direction of the Stanislaus County Department of Environmental Resources. No testing or environmental sampling has ever been conducted since the well has historically been dry.

In March 1994, two underground storage tanks (USTs) were removed from the site. The tanks were reported to have stored diesel fuel. A total of five soil samples were collected from the soil surrounding and beneath the tanks. Total petroleum hydrocarbons as diesel (TPHd), toluene, ethyl benzene, and xylenes were detected in soil samples collected near the southern portion of the UST excavation area (Figure 2).

From May 17 to June 15, 1994, additional soil was excavated south of the USTs. A total of three soil samples and one groundwater sample were collected from the additional excavation pit. TPHd was detected in the soil sample collected from the south wall of the additional excavation pit.

2.0 METHODS AND PROCEDURES

To evaluate the extent of impacted soil and groundwater, five Geoprobe® soil borings were advanced at the site. Soil samples were collected continuously from the Geoprobe® soil borings and submitted for analysis. All field activities were performed in accordance with ATC's *Workplan for Subsurface Investigation at 2006 L Street, Newman, California*, dated September 26, 2005. This workplan was approved by the Stanislaus County Department of Environmental Resources (DER) on September 26, 2005.

2.1 Geoprobe® Drilling Activities

Drilling was conducted on October 28, 2005, by Vironex, Inc. (State C57 license No. 705927) utilizing a truck-mounted Geoprobe® narrow diameter drilling rig employing direct push technology. Five Geoprobe® borings (GP1 through GP5) were advanced at the site to evaluate petroleum hydrocarbon impacts to soil and groundwater, if any. Soil samples were collected continuously from the soil borings using a 1-inch-diameter acetate sleeve. A field geologist logged the soil samples in general accordance with the Unified Soil Classification System. The drill cuttings were characterized for soil type, moisture content, and visual evidence of petroleum hydrocarbons. A photo-ionization detector (PID) was used as a field screening device for the detection of petroleum hydrocarbon vapors in drill cuttings and cored samples. Descriptions of soil types encountered, sample collection intervals, and PID results are included on the boring logs contained in Appendix A.

Following soil sample collection, the Geoprobe® drilling rods were removed from the boring and a small diameter PVC screen extending from the bottom of the boring to the ground surface was placed inside the boreholes to assist in subsequent collection of groundwater samples. A groundwater sample was collected from each boring by inserting Teflon® tubing with a check valve attached to one end, into the casing until it was immersed in groundwater. Groundwater was pumped through the tubing to the ground surface by oscillating the tubing up and down. Following collection of the groundwater samples, the poly-vinyl chloride (PVC) screens were removed and the boreholes were backfilled with neat cement grout to the ground surface.

2.2 Groundwater Sampling

On October 28, 2005, a groundwater sample was collected from the existing monitoring well identified as FW. Prior to collection of the groundwater sample, the depth to water was measured in the well and the pH, electrical conductivity, and temperature were measured in groundwater purged from the monitoring well and recorded. Approximately two well casing volumes were purged from FW, until it went dry, prior to sampling. The well was allowed to recover and a sampled was collected using disposable polyethylene bailers. Field purge logs are presented in Appendix B.

2.3 Soil and Groundwater Sample Analysis

Selected soil and groundwater samples collected from GP1 through GP5 and the water sample collected from FW were placed on ice, and transported under chain-of-custody to State-certified Argon Laboratories Inc. (ELAP Cert. No. 2359) in Ceres, California for analysis. Samples were analyzed for TPHd and total petroleum hydrocarbons as gasoline (TPHg) utilizing EPA Method 8015M, benzene, toluene, ethylbenzene, and xylenes (BTEX), tertiary butyl alcohol (TBA), methyl tertiary butyl ether (MTBE), di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl ether (TAME), (1,2-DCA), and (EDB) utilizing EPA Method 8260B. The analytical results for soil and groundwater samples are summarized in Tables 1 and 2, respectively. Laboratory data sheets and chain-of-custody documentation are included in Appendix C.

3.0 SUBSURFACE CONDITIONS

3.1 Geology

The subsurface geology encountered beneath the site in the Geoprobe® boring locations generally consisted of silty sand from the ground surface to approximately 8 feet bgs. Poorly graded sand was typically encountered from approximately 8 to 16 feet bgs. A lense of gravelly sand was encountered in GP1 from approximately 9 feet bgs to 12 feet bgs. Groundwater was measured in the boreholes at approximately 12.5 feet bgs.

3.2 Hydrogeology

Depth to water (DTW) was measured at 12.12 feet below the top of the casing in the existing monitoring well (FW) on October 28, 2005. Water levels ranged from approximately 12.5 to 13.5 feet bgs in GP1 through GP5. Since the existing monitoring well has not been surveyed and no other monitoring well exist at the site, the DTW data could not be used to evaluate the groundwater gradient and flow direction beneath the site.

4.0 ANALYTICAL RESULTS

4.1 Soil Analytical Results

TPHd was detected in the soil sample collected from approximately eight feet bgs in GP4 at a concentration of 13 milligrams per kilogram (mg/Kg). TPHd was not detected in any of the remaining soil samples collected from GP1 through GP5 at the site. TPHg, BTEX, TBA, MTBE, DIPE, ETBE, TAME, 1,2-DCA, and EDB were not detected in any of the soil samples collected from GP1 through GP5. Analytical results of soil samples are summarized in Table 1.

4.2 Groundwater Analytical Results

Groundwater samples collected from GP1 through GP5 and the existing well (FW) contained no detectable concentrations of TPHd, TPHg, BTEX, TBA, MTBE, DIPE, ETBE, TAME, 1,2-DCA, or EDB. Analytical results of groundwater samples are summarized in Table 2.

5.0 GEOTRACKER DATA UPLOAD VERIFICATION

Laboratory analytical data associated with the soil and groundwater samples collected from GP1 through GP5 were submitted electronically to the State Water Resources Control Board (SWRCB) Geotracker database (confirmation number 6626119017). Soil boring logs for GP1 through GP5 were submitted were submitted electronically to the SWRCB Geotracker database (confirmation numbers 8521207511, 4695159733, 4141879022, 7289051651, and 8216964542, respectively). In addition a copy of the current site plan for the site was submitted electronically to the SWRCB Geotracker database (confirmation number 7996610343). The facility has been assigned the global identification number T0609900268. Documentation of the data submittal is contained in Appendix D.

6.0 SENSITIVE RECEPTOR SURVEY

ATC conducted a field verification for sensitive receptors on October 15, 2005 (i.e., located within 2,000 feet of the site) as outlined in ATC's *Workplan for Subsurface Investigation at 2006 L Street, Newman, California*, dated September 26, 2005 approved by the DER through correspondence dated September 26, 2005. The results of the sensitive receptor survey are discussed in the following paragraphs.

According to well construction logs obtained from the Department of Water Resources, one industrial well, two domestic wells, and nine monitoring wells are present within 2,000 feet of the site (Figure 4). A third domestic well is potentially within the 2,000 foot radius west of the site but can not be accurately plotted.

Based on a review of the DWR Turlock Groundwater Basin Map for Spring 2004 (unconfined aquifer), shallow groundwater in the vicinity of Newman reportedly flows to the northeast. All of the receptors identified within the 2,000 foot search radius were located either in an upgradient or crossgradient direction from the site. During the physical search of the area, ATC observed a residential development located approximately 1,200 feet northeast of the site. The potable water supply for these residences is supplied by the City of Newman. No other wells were identified within a 2,000-foot radius during the survey.

No surface waters are present within 2,000 feet of the site.

No other sensitive receptors such as hospitals, schools, and residences for older adults were identified within a 2,000-foot radius during the survey.

7.0 CONCLUSION

Based on the analytical results and field observations, soil and groundwater at the site are not impacted by TPHg, BTEX, TBA, MTBE, DIPE, ETBE, TAME, 1,2-DCA, and EDB. TPHd was detected once in the sample collected from approximately eight feet bgs in GP4 at a concentration of 13 mg/Kg. TPHd was not detected in the remaining soil samples collected from GP1 through GP5 at the site and was not detected in any of the groundwater samples collected at the site.

ATC recommends no further action at the site for the purposes of soil and groundwater investigation. Additionally, ATC recommends destroying the existing 12-inch diameter monitoring well.

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS
Former GC SP Trucking Facility
2006 L Street, Newman, California
Page 1 of 1

Sample ID	Date	(Reported in mg/Kg)												
		TPHd	TPHg	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB
GP1-8	10/28/05	<5.0	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005
GP1-12	10/28/05	<5.0	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005
GP1-15	10/28/05	<5.0	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005
GP2-8	10/28/05	<5.0	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005
GP2-12	10/28/05	<5.0	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005
GP2-14	10/28/05	<5.0	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005
GP3-12	10/28/05	<5.0	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005
GP3-14	10/28/05	<5.0	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005
GP3-16	10/28/05	<5.0	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005
GP4-8	10/28/05	13	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005
GP4-12	10/28/05	<5.0	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005
GP5-8	10/28/05	<5.0	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005
GP5-12	10/28/05	<5.0	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005
GP5-15	10/28/05	<5.0	<1.0	<0.005	<0.005	<0.005	<0.010	<0.005	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005

Notes:

mg/Kg denotes milligrams per kilogram

TPHd denotes Total Petroleum Hydrocarbons as diesel analyzed by EPA Method 8015M

TPHg denotes Total Petroleum Hydrocarbons as gasoline analyzed by EPA Method 8015M

Benzene, toluene, ethylbenzene, and xylenes analyzed by EPA Method 8260B

MTBE denotes methyl tertiary butyl ether analyzed by EPA Method 8260B

DIPE denotes di-isopropyl ether analyzed by EPA Method 8260B

TAME denotes tertiary amyl methyl ether analyzed by EPA Method 8260B

TBA denotes tertiary butyl ether analyzed by EPA Method 8260B

ETBE denotes ethyl tertiary butyl ether analyzed by EPA Method 8260B

1,2-DCA denotes 1,2-dichloroethane analyzed by EPA Method 8260B

EDB denotes ethyl dibromide analyzed by EPA Method 8260B

NS denotes not sampled

NA denotes not analyzed

< denotes not detected at or above stated method detection level

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Former GC SP Trucking Facility
2006 L Street, Newman, California

Sample ID	Date	(Reported in ug/l)												
		TPHd	TPHg	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB
FW	10/28/05	<50	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
GP1	10/28/05	<50	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
GP2	10/28/05	<50	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
GP3	10/28/05	<50	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
GP4	10/28/05	<50	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
GP5	10/28/05	<50	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5

Notes:

ug/l denotes micrograms per liter

TPHd denotes Total Petroleum Hydrocarbons as diesel analyzed by EPA Method 8015M

TPHg denotes Total Petroleum Hydrocarbons as gasoline analyzed by EPA Method 8015M

Benzene, toluene, ethylbenzene, and xylenes analyzed by EPA Method 8260B

MTBE denotes methyl tertiary butyl ether analyzed by EPA Method 8260B

DIPE denotes di-isopropyl ether analyzed by EPA Method 8260B

TAME denotes tertiary amyl methyl ether analyzed by EPA Method 8260B

TBA denotes tertiary butyl ether analyzed by EPA Method 8260B

ETBE denotes ethyl tertiary butyl ether analyzed by EPA Method 8260B

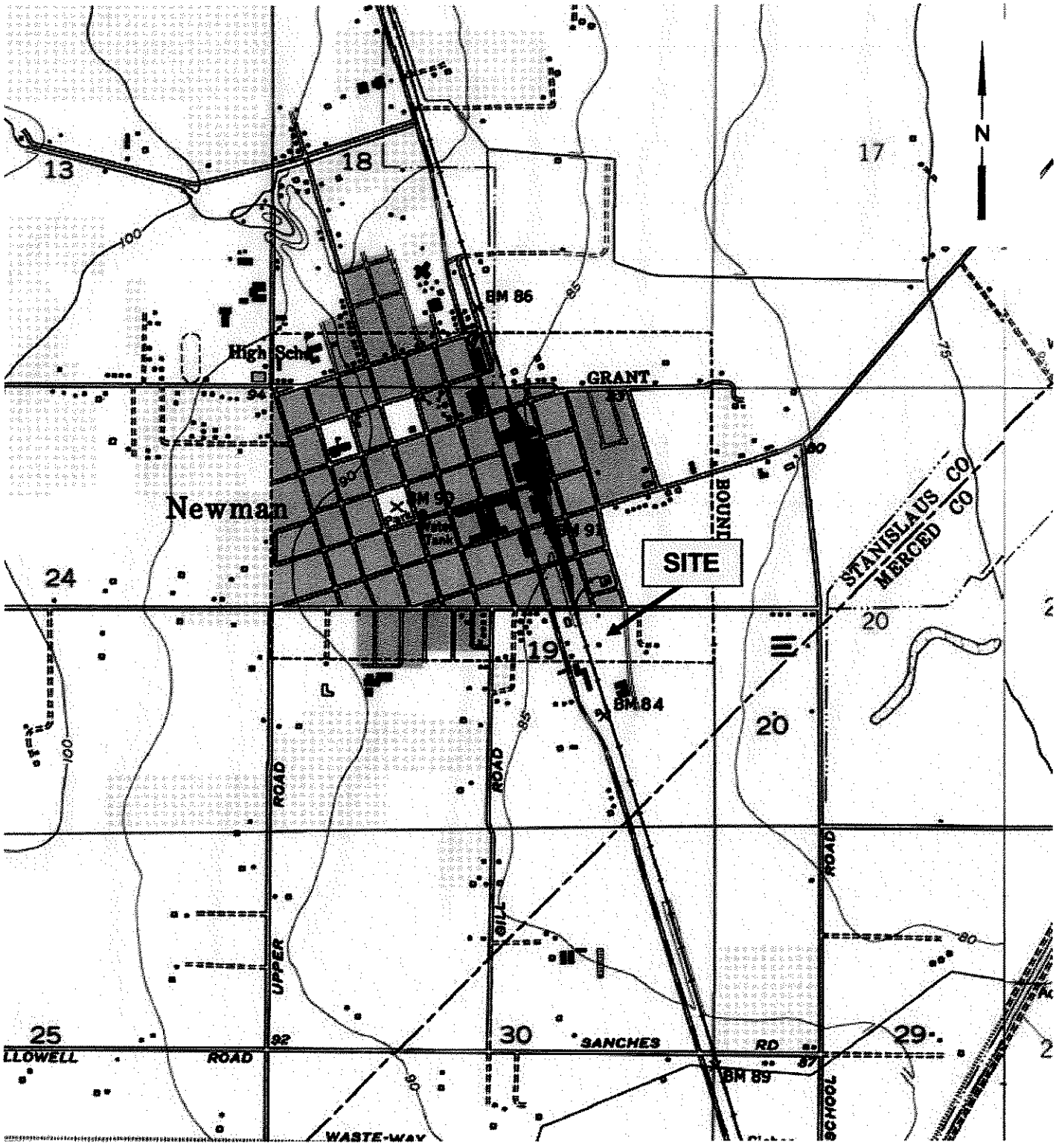
1,2-DCA denotes 1,2-dichloroethane analyzed by EPA Method 8260B

EDB denotes ethyl dibromide analyzed by EPA Method 8260B

NS denotes not sampled

NA denotes not analyzed

< denotes not detected at or above stated method detection level



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP NEWMAN QUADRANGLE, CALIFORNIA, DATED 1952, PHOTOREVISED 1971, AND PHOTOINSPECTED 1978.

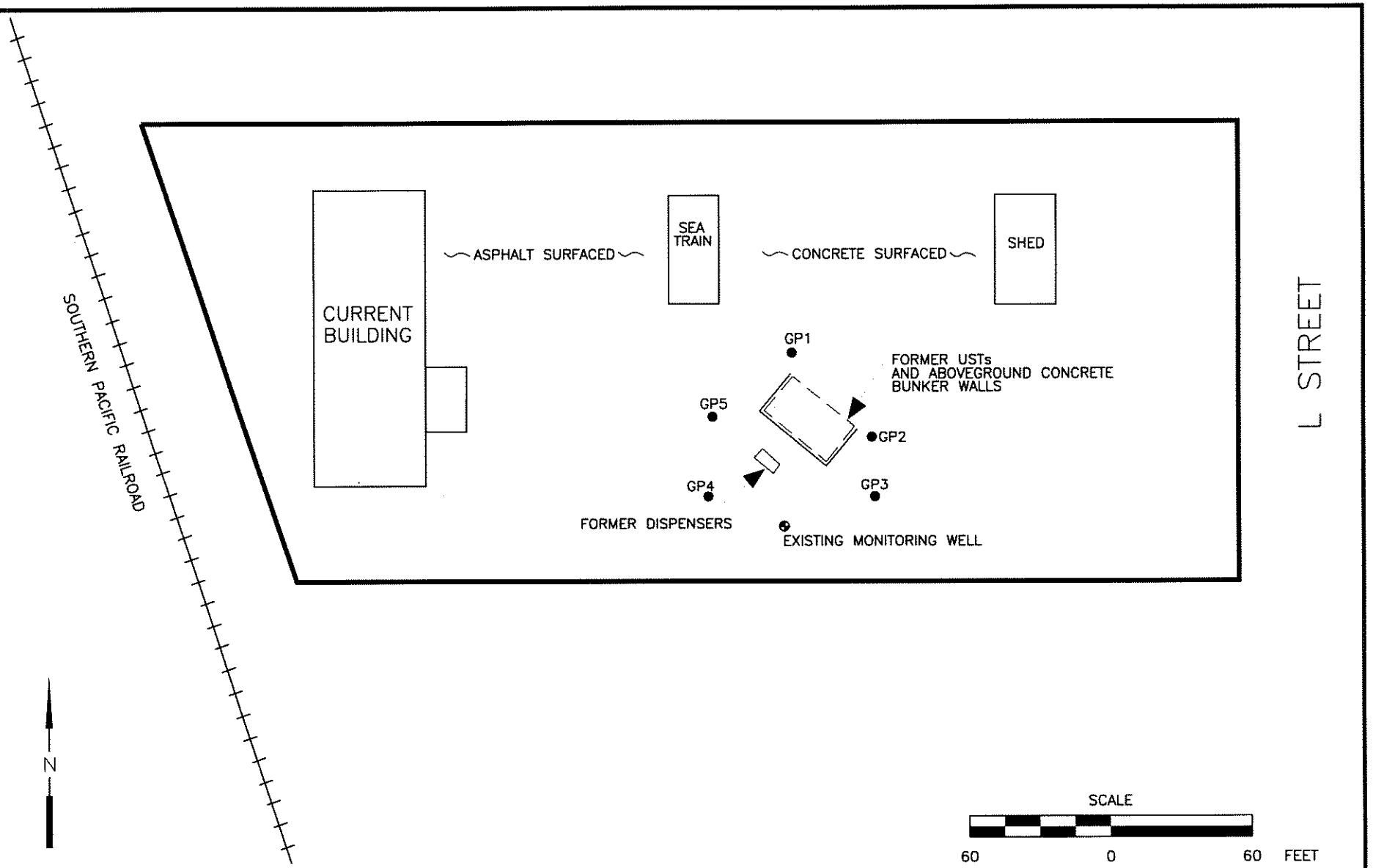
VATC ASSOCIATES INC
1117 Lone Palm Ave, Ste B
Modesto, CA 95351
(209) 579-2221

PROJECT NO: 54.24614.0001		
DESIGNED BY: NC	SCALE: 1:24,000	REVIEWED BY: JH
DRAWN BY: NC	DATE: 09/05	FILE: LOCATION

FIGURE 1

SITE VICINTY MAP

FORMER GC & SP TRUCKING
2006 L STREET
NEWMAN, CALIFORNIA



LEGEND:

- ◆ SITE WELL LOCATION
- ● SOIL BORING LOCATION

VATC ASSOCIATES INC.

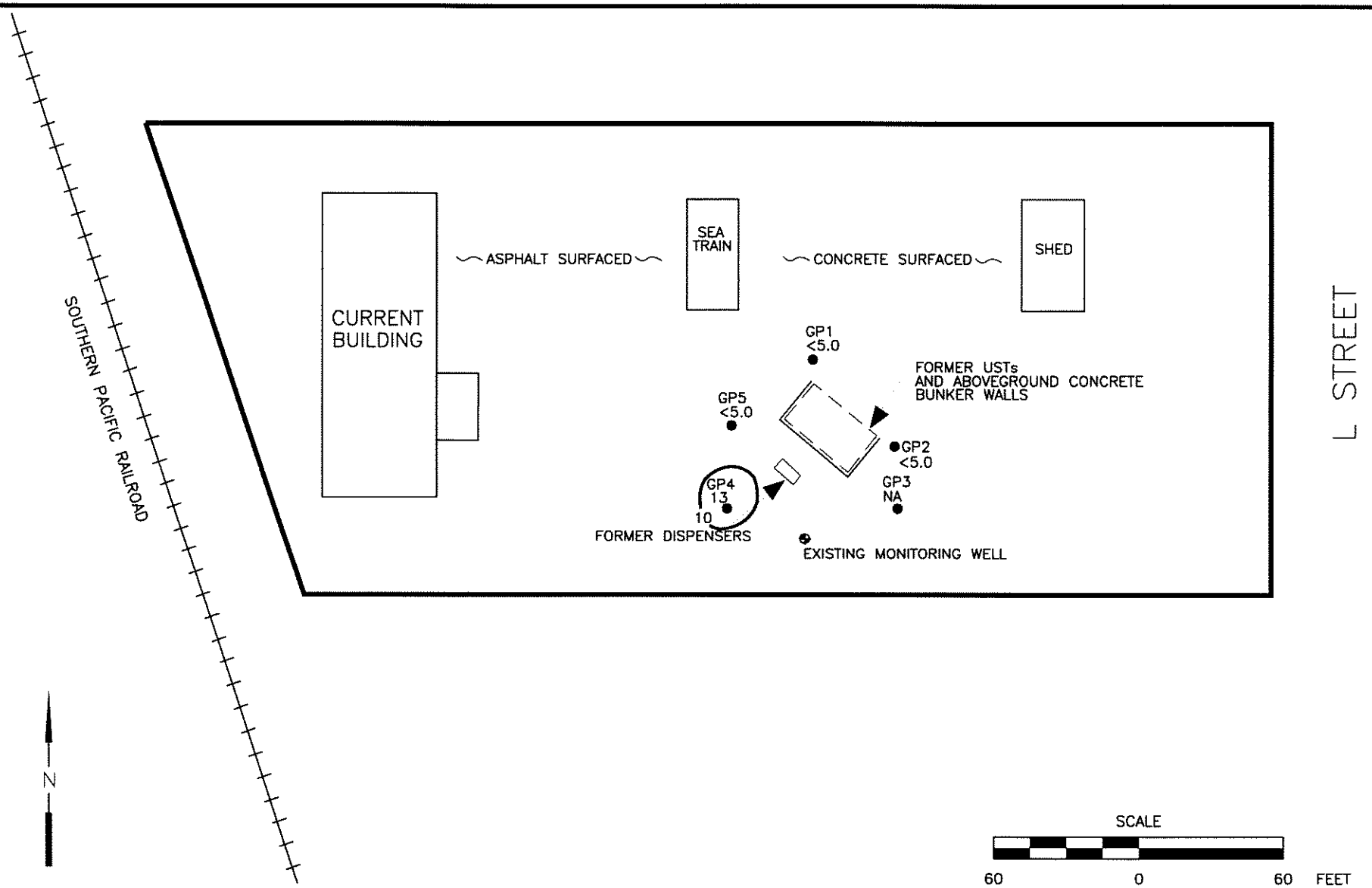
FORMER GC & SP TRUCKING
2006 L STREET
NEWMAN, CALIFORNIA

SITE PLAN

PROJECT #: 54.24614.0001

DECEMBER 2005

FIGURE: 2



LEGEND:

- ◆ SITE WELL LOCATION
- ● SOIL BORING LOCATION
- 13 CONCENTRATION OF TPHD IN MILLIGRAMS PER KILOGRAM (mg/Kg)
- NA SAMPLE NOT ANALYZED

VATC ASSOCIATES INC.

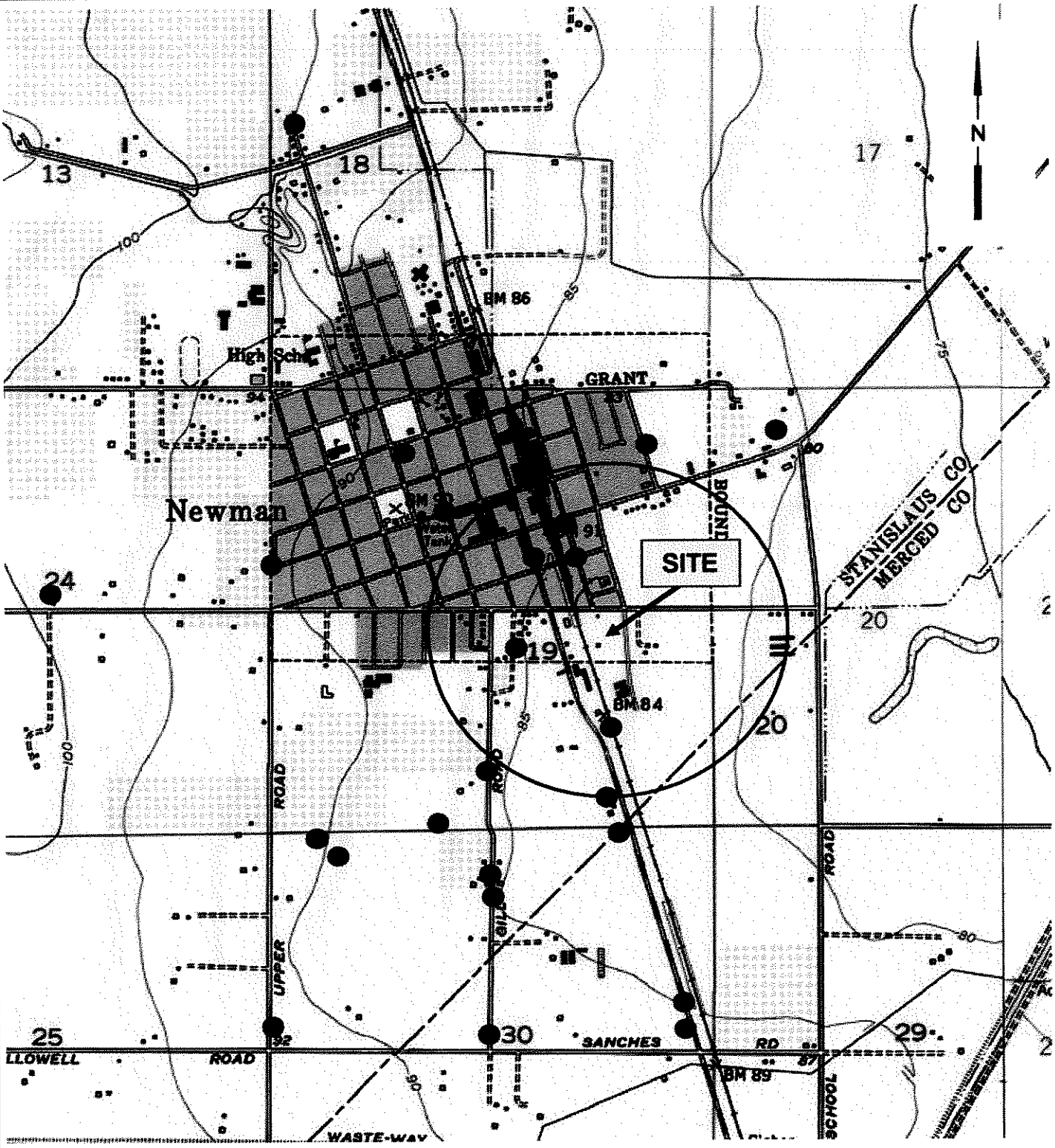
FORMER GC & SP TRUCKING
2006 L STREET
NEWMAN, CALIFORNIA

ISOCONCENTRATION MAP OF TPHD IN SOIL AT 8 FEET BGS

PROJECT #: 54.24614.0001

DECEMBER 2005

FIGURE: 3



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP NEWMAN QUADRANGLE, CALIFORNIA, DATED 1952, PHOTOREVISED 1971, AND PHOTOINSPECTED 1978.

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PROJECT NO: 54.24614.0001		
DESIGNED BY: NC	SCALE: 1:24,000	REVIEWED BY: JH
DRAWN BY: NC	DATE: 01/06	FILE: LOCATION

FIGURE 4
SENSITIVE RECEPTOR MAP

FORMER GC & SP TRUCKING
2006 L STREET
NEWMAN, CALIFORNIA

APPENDIX A

ATC ASSOCIATES INC.
1260 Graphics Drive, Modesto, California, 95351

LOG OF BORING GP1

PROJECT NEWMAN INVESTMENTS LOCATION 2006 L STREET, NEWMAN, CA PROJECT NO. 54.24614.0001
DATE DRILLED 10/28/05 LOGGED BY NATHAN CHRISTMAN REVIEWED BY DAVID W. ASHCOM PE 22868
DRILLING COMPANY VIRONEX INC. DRILLER JORGE METHOD Geoprobe-direct push
BORE HOLE DIAMETER 2 IN DEPTH DRILLED 16 FT DEPTH TO WATER : INITIAL 13 FT STATIC 12.5 FT
CASING TYPE NA DIAMETER IN SCHEDULE INTERVAL FT TO FT
SCREEN TYPE NA DIAMETER IN SLOT SIZE IN INTERVAL FT TO FT
FILTER PACK TYPE NA INTERVAL FT TO FT
SURFACE SEAL TYPE NEAT CEMENT INTERVAL 0 FT TO 15 FT
COMMENTS: SOIL SAMPLES COLLECTED CONTINUOUSLY. PAGE 1 OF 1

WELL DETAIL	DEPTH (FT.)	PID (PPM)	SAMPLE ID BLOWCOUNT	LITHOLOGIC LOG		DESCRIPTION
	2			SM	0-5'	SILTY SAND (SM): 70% FINE-GRAINED SAND; 30% FINES; LIGHT BROWN, NO ODOR, NO ORGANICS, DRY, WEAK CEMENTATION HAND CLEARED TO FIVE FEET BGS.
	4	0				
	6			SM	5'-9'	SILTY SAND (SM): 80% FINE-GRAINED SAND; 20% FINES; BROWN, NO ODOR, NO ORGANICS, DRY, WEAK CEMENTATION
	8	0	GP1 8			
	10			SP	9'-12'	POORLY GRADED SAND (SP): 70% MEDIUM-GRAINED SAND; 20% FINE SUBROUNDED GRAVEL; 10% FINES; BROWN, NO ODOR, NO ORGANICS, MOIST, WEAK CEMENTATION
	12	0	GP1 12		▼	
	14	0		SP	12'-16'	POORLY GRADED SAND (SP): 100% MEDIUM-GRAINED SAND; LIGHT BROWN, NO PRODUCT ODOR, NO ORGANICS, WET, WEAK CEMENTATION, HOMOGENOUS
	16	0	GP1 15			
	18					
	20					
	22					
	24					
	26					
	28					
	30					
	32					
	34					
	36					
	38					
	40					

ATC ASSOCIATES INC.
1260 Graphics Drive, Modesto, California, 95351

LOG OF BORING GP2

PROJECT NEWMAN INVESTMENTS LOCATION 2006 L STREET, NEWMAN, CA PROJECT NO. 54.24614.0001
DATE DRILLED 10/28/05 LOGGED BY NATHAN CHRISTMAN REVIEWED BY DAVID W. ASHCOM PE 22868
DRILLING COMPANY VIRONEX INC. DRILLER JORGE METHOD Geoprobe-direct push
BORE HOLE DIAMETER 2 IN DEPTH DRILLED 16 FT DEPTH TO WATER : INITIAL 13.5 FT STATIC 12.5 FT
CASING TYPE NA DIAMETER IN SCHEDULE INTERVAL FT TO FT
SCREEN TYPE NA DIAMETER IN SLOT SIZE IN INTERVAL FT TO FT
FILTER PACK TYPE NA INTERVAL FT TO FT
SURFACE SEAL TYPE NEAT CEMENT INTERVAL 0 FT TO 15 FT
COMMENTS: SOIL SAMPLES COLLECTED CONTINUOUSLY. PAGE 1 OF 1

WELL DETAIL	DEPTH (FT.)	PID (PPM)	SAMPLE ID BLOWCOUNT	LITHOLOGIC LOG		DESCRIPTION
	2			SM	0-5'	SILTY SAND (SM): 70% FINE-GRAINED SAND; 30% FINES; LIGHT BROWN, NO ODOR, NO ORGANICS, DRY, WEAK CEMENTATION HAND CLEARED TO FIVE FEET BGS.
	4	0				
	6			SP	5'-8'	POORLY GRADED SAND (SP): 90% MEDIUM-GRAINED SAND; 5% FINE SUBROUNDED GRAVEL; 5% FINES; BROWN, NO ODOR, NO ORGANICS, DRY, WEAK CEMENTATION
	8	0	GP2 8			
	10			SP	8'-12'	POORLY GRADED SAND (SP): 90% MEDIUM-GRAINED SAND; 10% COARSE SUBANGULAR GRAVEL; BROWN, NO ODOR, NO ORGANICS, MOIST, WEAK CEMENTATION
	12	0	GP2 12		▼	
	14	0	GP2 14	SP	12'-16'	POORLY GRADED SAND (SP): 90% MEDIUM-GRAINED SAND; 10% COARSE SUBROUNDED GRAVEL; BROWN, NO ODOR, NO ORGANICS, WET, WEAK CEMENTATION
	16	0				
	18					
	20					
	22					
	24					
	26					
	28					
	30					
	32					
	34					
	36					
	38					
	40					

ATC ASSOCIATES INC.
1260 Graphics Drive, Modesto, California, 95351

LOG OF BORING GP3

PROJECT NEWMAN INVESTMENTS LOCATION 2006 L STREET, NEWMAN, CA PROJECT NO. 54.24614.0001
DATE DRILLED 10/28/05 LOGGED BY NATHAN CHRISTMAN REVIEWED BY DAVID W. ASHCOM PE 22868
DRILLING COMPANY VIRONEX INC. DRILLER JORGE METHOD Geoprobe-direct push
BORE HOLE DIAMETER 2 IN DEPTH DRILLED 16 FT DEPTH TO WATER : INITIAL 13 FT STATIC 12.5 FT
CASING TYPE NA DIAMETER IN SCHEDULE INTERVAL FT TO FT
SCREEN TYPE NA DIAMETER IN SLOT SIZE IN INTERVAL FT TO FT
FILTER PACK TYPE NA INTERVAL FT TO FT
SURFACE SEAL TYPE NEAT CEMENT INTERVAL 0 FT TO 15 FT
COMMENTS: SOIL SAMPLES COLLECTED CONTINUOUSLY. PAGE 1 OF 1

WELL DETAIL	DEPTH (FT.)	PID (PPM)	SAMPLE ID BLOWCOUNT	LITHOLOGIC LOG		DESCRIPTION
	2			SM	0-5'	SILTY SAND (SM): 70% FINE-GRAINED SAND; 30% FINES; LIGHT BROWN, NO ODOR, NO ORGANICS, DRY, WEAK CEMENTATION HAND CLEARED TO FIVE FEET BGS.
	4	0				
	6			ML	5'-8'	SANDY SILT (ML): 40% FINE-GRAINED SAND; 60% FINES; LOW DRY STRENGTH, SLOW DILATANCY, NO TOUGHNESS BROWN, NO ODOR, NO ORGANICS, DRY, WEAK CEMENTATION
	8	0				
	10			SP	8'-12'	POORLY GRADED SAND (SP): 90% MEDIUM-GRAINED SAND; 10% FINES; BROWN, NO ODOR, NO ORGANICS, DRY, WEAK CEMENTATION
	12	3	GP3 12		▼	
	14	3	GP3 14	SP	12'-16'	POORLY GRADED SAND (SP): 90% MEDIUM-GRAINED SAND; 10% FINES; BROWN, NO ODOR, NO ORGANICS, WET, WEAK CEMENTATION
	16	3	GP3 16			
	18					
	20					
	22					
	24					
	26					
	28					
	30					
	32					
	34					
	36					
	38					
	40					

ATC ASSOCIATES INC.
1260 Graphics Drive, Modesto, California, 95351

LOG OF BORING GP4

PROJECT NEWMAN INVESTMENTS LOCATION 2006 L STREET, NEWMAN, CA PROJECT NO. 54.24614.0001
DATE DRILLED 10/28/05 LOGGED BY NATHAN CHRISTMAN REVIEWED BY DAVID W. ASHCOM PE 22868
DRILLING COMPANY VIRONEX INC. DRILLER JORGE METHOD Geoprobe-direct push
BORE HOLE DIAMETER 2 IN. DEPTH DRILLED 16 FT DEPTH TO WATER : INITIAL 13.5 FT STATIC 12.5 FT
CASING TYPE NA DIAMETER IN SCHEDULE INTERVAL FT TO FT
SCREEN TYPE NA DIAMETER IN SLOT SIZE IN INTERVAL FT TO FT
FILTER PACK TYPE NA INTERVAL FT TO FT
SURFACE SEAL TYPE NEAT CEMENT INTERVAL 0 FT TO 15 FT
COMMENTS: SOIL SAMPLES COLLECTED CONTINUOUSLY. PAGE 1 OF 1

WELL DETAIL	DEPTH (FT.)	PID (PPM)	SAMPLE ID BLOWCOUNT	LITHOLOGIC LOG		DESCRIPTION
	2			SM	0–5'	SILTY SAND (SM): 70% FINE-GRAINED SAND; 30% FINES; LIGHT BROWN, NO ODOR, NO ORGANICS, DRY, WEAK CEMENTATION HAND CLEARED TO FIVE FEET BGS.
	4	0				
	6			SM	5'–8'	SILTY SAND (SM): 70% FINE-GRAINED SAND; 30% FINES; LIGHT BROWN, NO ODOR, NO ORGANICS, DRY, WEAK CEMENTATION
	8	0	GP4 8			
	10			SP	8'–12'	POORLY GRADED SAND (SP): 90% MEDIUM-GRAINED SAND; 10% FINE SUBROUNDED GRAVEL; BROWN, NO ODOR, NO ORGANICS, DRY, WEAK CEMENTATION
	12	0	GP4 12		▼	
	14	0		SP	12'–16'	POORLY GRADED SAND (SP): 100% MEDIUM-GRAINED SAND; BROWN, NO ODOR, NO ORGANICS, WET, WEAK CEMENTATION
	16					
	18					
	20					
	22					
	24					
	26					
	28					
	30					
	32					
	34					
	36					
	38					
	40					

ATC ASSOCIATES INC.
1260 Graphics Drive, Modesto, California, 95351

LOG OF BORING GP5

PROJECT NEWMAN INVESTMENTS | LOCATION 2006 L STREET, NEWMAN, CA | PROJECT NO. 54.24614.0001
DATE DRILLED 10/28/05 | LOGGED BY NATHAN CHRISTMAN | REVIEWED BY DAVID W. ASHCOM PE 22868
DRILLING COMPANY VIRONEX INC. | DRILLER JORGE | METHOD Geoprobe-direct push
BORE HOLE DIAMETER 2 IN | DEPTH DRILLED 16 FT | DEPTH TO WATER : INITIAL 13.5 FT | STATIC 12.5 FT
CASING TYPE NA | DIAMETER IN | SCHEDULE | INTERVAL FT TO FT
SCREEN TYPE NA | DIAMETER IN | SLOT SIZE IN | INTERVAL FT TO FT
FILTER PACK TYPE NA | INTERVAL FT TO FT
SURFACE SEAL TYPE NEAT CEMENT | INTERVAL 0 FT TO 15 FT
COMMENTS: SOIL SAMPLES COLLECTED CONTINUOUSLY. | PAGE 1 OF 1

WELL DETAIL	DEPTH (FT.)	PID (PPM)	SAMPLE ID BLOWCOUNT	LITHOLOGIC LOG		DESCRIPTION
	2			SM	0–5'	SILTY SAND (SM): 70% FINE-GRAINED SAND; 30% FINES; LIGHT BROWN, NO ODOR, NO ORGANICS, DRY, WEAK CEMENTATION
						HAND CLEARED TO FIVE FEET BGS.
	4	0				
	6			SM	5'–8'	SILTY SAND (SM): 70% FINE-GRAINED SAND; 30% FINES; LIGHT BROWN, NO ODOR, NO ORGANICS, DRY, WEAK CEMENTATION
	8	0	GP5 8			
				SP	8'–12'	POORLY GRADED SAND (SP): 90% MEDIUM-GRAINED SAND; 10% FINE SUBROUNDED GRAVEL; LIGHT BROWN, NO ODOR, NO ORGANICS, DRY, WEAK CEMENTATION
	10					
	12	0	GP5 12		▼	
	14					
		0	GP5 15	SP	12'–16'	POORLY GRADED SAND (SP): 90% MEDIUM-GRAINED SAND; 10% FINE SUBROUNDED GRAVEL; BROWN, NO ODOR, NO ORGANICS, WET, WEAK CEMENTATION
	16					
	18					
	20					
	22					
	24					
	26					
	28					
	30					
	32					
	34					
	36					
	38					
	40					

APPENDIX B

GROUNDWATER SAMPLING FORM

PROJECT INFORMATION

PROJECT NAME: Newman Investments PROJECT NUMBER: 54.24614.0001 WELL NO. FW

PROJECT MANAGER: JH TYPE OF WELL: ✓ Monitoring ____ Extraction ____ Other

RECORDED BY: NC SAMPLED BY: NC DATE: 102805

WELL PURGING INFORMATION

PURGE VOLUME

Well Casing Diameter
____ 2-inch ____ 4-inch ✓ Other 12-inch

Well Total Depth 12.65 feet below Top of Casing, TD

Depth to Water 12.12 feet below Top of Casing, WL

Water Column Length 0.53 feet

PURGE METHOD

✓ Bailer - Type - disposable
____ Pump - Type
____ Other - Specify

Hydrocarbon Odors:
____ Yes ✓ No

Purge Volume Calculation (Water Column Length x Multiplier x No. Volumes = Calculated Purge Volume)

0.53 (WCL) x 5.87 (Multiplier) x 3 (No. Volumes) = 9.35

Calculated Purge Volume = 9.35 gallons
Actual Purge Volume = 6.50 gallons

Multiplier: (Casing Diameter [inches] = Gallons/linear foot) 2 = 0.17 4 = 0.66 6 = 1.5 8 = 2.6

Groundwater Parameter Measurement: Meter Type YSI 63 Calibrated: ✓ Yes ____ No

TIME	ELAPSED TIME	~~FLOWRATE (GPM)~~ cumulative	DTW (ft)	pH	EC ~~mhos/cm~~	TEMP ~~deg C~~ deg F	TURBIDITY (NTU)	REDOX mV	COMMENTS
									Begin hand bailing
1004	0	0.50	12.12	7.14	876	21.0			clear, no odor
1011	7	3.50		6.97	843	21.3			light brown, no odor
1018	14	6.50		6.96	839	21.2			↓
1020	16	6.50	12.60						well Dry
1200			12.13						
									sampled @ 1210

VATC ASSOCIATES INC.
ENVIRONMENTAL, GEOTECHNICAL AND MATERIALS PROFESSIONALS

APPENDIX C

argon laboratories

ATC ASSOCIATES, INC.
1117 LONE PALM AVE., SUITE B
MODESTO, CA 95351

REPORT DATE: 11/15/05
SAMPLE DATE: 10/28/05

AL JOB #: F10751

ATTN: JEANNE HOMSEY
CLIENT PROJ. ID: 54.24614.0001
NEWMAN INVESTMENTS

Project Summary:

On October 28, 2005, this laboratory received 7 water and 14 soil samples.

Samples were analyzed according to instructions in accompanying chain-of-custody. Results of analysis are summarized on the following pages. Please see quality control report for a summary of QC data pertaining to this project.

Samples will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Samples may be archived by prior arrangement.

If you have any questions, please contact Sample Control at (209) 581-9280.

Hiram Cueto
Lab Director

2905 Railroad Avenue, Ceres, CA 95307 • Phone (209) 581-9280 • Fax (209) 581-9282
email: info@argonlabs.com

ATC ASSOCIATES, INC.

CHAIN OF CUSTODY

Project Information:

Project No: 54.24619.0001
Project Title: Newman Investments
Location: Newman, CA
Sampler's Name (print): Nathan Christman
Sampler's Signature: Nathan Christman

Report To:

Consultant: ATC Associates Inc.
Address: 1117 Lone Palm Avenue, Suite B
Modesto, California 95351
Contact:
Phone: (209) 579-2221
Fax: (209) 579-2225

Bill To:

Client: Same
Address:

Samples Submitted To:

Laboratory: Argon Labs
Address: 3037 5th Street
Ceres, CA 95307
Contact:
Phone: (209)581-9280
Fax: (209)581-9282

Date Results Required:
Date Report Required:

TURN AROUND TIME

RUSH	24 Hour	48 Hour	Standard (5 Day)	Special (10 Day)
☐	☐	☐	☐	☒

ANALYSIS

Sample ID.	Date	Time	# Containers	Matrix	TPH-g/BTXE 8015M 8260B	TPH-Diesel 8015M 8260B	TEPH	8260B-Oxygenates (7) +1,2 DCA + EDB	8260B- Full Scan	Total Lead						COMMENTS: Preservative
GP1 8	10 28 05	925	1	soil	X	X		X								Ice
GP1 12		935	1		X	X		X								
GP1 15		945	1		X	X		X								
GP2 8		1020	1		X	X		X								
GP2 12		1035	1		X	X		X								
GP2 14		1045	1		X	X		X								
GP3 12		1115	1		X	X		X								
GP3 14		1120	1		X	X		X								
GP3 16		1125	1		X	X		X								
GP4 8		1150	1		X	X		X								
GP4 12		1200	1		X	X		X								
GP5 8	✓	1240	1		X	X		X								✓

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Nathan Christman	10-28-05	1540	Christie Rost	10/28/05	16:50

SPECIAL INSTRUCTIONS:

ATC ASSOCIATES, INC.

CHAIN OF CUSTODY

Project Information:	Report To:	Samples Submitted To:
Project No: 54,09614	Consultant: ATC Associates Inc.	Laboratory: Argon Labs
Project Title: Newman Investments	Address: 1117 Lone Palm Avenue, Suite B	Address: 3037 5th Street
Location: Newman, CA	Modesto, California 95351	Ceres, CA 95307
Sampler's Name:	Contact:	Contact:
(print) Nathan Christman	Phone: (209) 579-2221	Phone: (209)581-9280
Sampler's Signature:	Fax: (209) 579-2225	Fax: (209)581-9282
Nathan Chr	**Bill To:**	Date Results Required:
	Client: Same	Date Report Required:
	Address:	

TURN AROUND TIME

RUSH	24 Hour	48 Hour	Standard (5 Day)	Special (10 Day)
☐	☐	☐	☐	☒

ANALYSIS

Sample ID.	Date	Time	# Containers	Matrix	TPH-g/BTXE 8260B	TPH-Diesel 8270B	TEPH	8260B-Oxygenates + 1,2 DCA & EDB	8260B- Full Scan	Total Lead							COMMENTS
																	Preservative
GPS 12	102805	1250	1	soil	X	X		X									Ice
GPS 15	102805	1258	1	soil	X	X		X									↓

Relinquished By:	Date:	Time:	Received By:	Date:	Time:	SPECIAL INSTRUCTIONS:
Nathan Chr	10-28-05	1540	Christie Reed	10/28/05	16:50	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	

Argon Laboratories Sample Receipt Checklist

Client Name: ATC Associates Date & Time Received: 10/28/05 16:50

Project Name: Newman Investments Client Project Number: 54.24614.0001

Received By: CR Matrix: Water ☑ Soil ☑ Other ☐

Sample Carrier: Client ☐ Laboratory ☑ Fed Ex ☐ UPS ☐ Other ☐

Argon Labs Project Number: F10751

Shipper Container in good condition? N/A ☑ Yes ☐ No ☐

Samples received under refrigeration? Yes ☑ No ☐

Chain of custody present? Yes ☑ No ☐

Chain of Custody signed by all parties? Yes ☑ No ☐

Chain of Custody matches all sample labels? Yes ☑ No ☐

Samples received in proper containers? Yes ☑ No ☐

Sufficient sample volume for requested tests? Yes ☑ No ☐

Samples received within holding time? Yes ☑ No ☐

Do samples contain proper preservative? N/A ☐ Yes ☑ No ☐

VOA vials with preservative? N/A ☐ Yes ☑ No ☐

VOA vials preservative type: HCL ☑ $Na_2S_2O_3$ ☐ Other ____

Do VOA vials contain zero headspace? N/A ☐ Yes ☑ No ☐

Samples received intact? Yes ☑ No ☐

ANY "No" RESPONSE MUST BE DETAILED IN THE COMMENTS SECTION BELOW

Date Client Contacted: ____ Person Contacted: ____

Contacted By: ____ Subject: ____

Comments: ____

Action Taken: ____

ADDITIONAL TEST(S) REQUEST / OTHER

Contacted By: ____ Date: ____ Time: ____

Call Received By: ____

Comments: ____

v.5.02

argon laboratories

ATC Associates, Inc.
1117 Lone Palm Ave., Suite B
Modesto, CA 95351

TPH-g / BTX&E / OXYGENATES

Method: 8015M / 8260B

Date Sampled: 10/28/05
Date Received: 10/28/05

Proj. ID: 54.24614.0001
Site: Newman Investments

Matrix: Soil

Lab ID:	F10751	F10752	F10753	F10754
Sample ID:	GP1 8	GP1 12	GP1 15	GP2 8
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Method 8015M				Date Analyzed: 11/10/05
Total Petroleum Hydrocarbons @ Gasoline	<1.0	<1.0	<1.0	<1.0
Surrogate Spike Recovery:	102%	112%	117%	120%
Method 8260B				Date Analyzed: 11/10/05
Benzene	<0.005	<0.005	<0.005	<0.005
Toluene	<0.005	<0.005	<0.005	<0.005
Xylenes	<0.010	<0.010	<0.010	<0.010
Ethyl Benzene	<0.005	<0.005	<0.005	<0.005
t-Butanol	<0.050	<0.050	<0.050	<0.050
Methyl-t-Butyl Ether	<0.005	<0.005	<0.005	<0.005
Di-Isopropyl Ether	<0.005	<0.005	<0.005	<0.005
Ethyl-t-Butyl Ether	<0.005	<0.005	<0.005	<0.005
t-Amyl Methyl Ether	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	<0.005	<0.005	<0.005	<0.005
Surrogate Spike Recovery:	93%	94%	90%	91%

Note(s):
Water samples are reported in ug/L; soil/sludge samples in mg/Kg; product/oil/non-aqueous liquid samples in mg/L.
ND means not detected at or above the stated reporting limit; N/A means analyte not applicable to this analysis.

Hiram Cueto
Lab Director
DHS Certification No. 2359

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email: info@argonlabs.com

argon laboratories

ATC Associates, Inc.
1117 Lone Palm Ave., Suite B
Modesto, CA 95351

TPH-g / BTX&E / OXYGENATES

Method: 8015M / 8260B

Date Sampled: 10/28/05
Date Received: 10/28/05

Proj. ID: 54.24614.0001
Site: Newman Investments

Matrix: Soil

Lab ID:	F10755	F10756	F10757	F10758
Sample ID:	GP2 12	GP2 14	GP3 12	GP3 14
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Method 8015M				Date Analyzed: 11/10/05
Total Petroleum Hydrocarbons @ Gasoline	<1.0	<1.0	<1.0	<1.0
Surrogate Spike Recovery:	106%	117%	110%	118%
Method 8260B				Date Analyzed: 11/10/05
Benzene	<0.005	<0.005	<0.005	<0.005
Toluene	<0.005	<0.005	<0.005	<0.005
Xylenes	<0.010	<0.010	<0.010	<0.010
Ethyl Benzene	<0.005	<0.005	<0.005	<0.005
t-Butanol	<0.050	<0.050	<0.050	<0.050
Methyl-t-Butyl Ether	<0.005	<0.005	<0.005	<0.005
Di-Isopropyl Ether	<0.005	<0.005	<0.005	<0.005
Ethyl-t-Butyl Ether	<0.005	<0.005	<0.005	<0.005
t-Amyl Methyl Ether	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	<0.005	<0.005	<0.005	<0.005
Surrogate Spike Recovery:	92%	92%	92%	91%

Note(s):
Water samples are reported in ug/L; soil/sludge samples in mg/Kg; product/oil/non-aqueous liquid samples in mg/L.
ND means not detected at or above the stated reporting limit; N/A means analyte not applicable to this analysis.

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argon laboratories

ATC Associates, Inc.
1117 Lone Palm Ave., Suite B
Modesto, CA 95351

TPH-g / BTX&E / OXYGENATES

Method: 8015M / 8260B

Date Sampled: 10/28/05
Date Received: 10/28/05

Proj. ID: 54.24614.0001
Site: Newman Investments

Matrix: Soil

Lab ID:	F10759	F10760	F10761	F10762
Sample ID:	GP3 16	GP4 8	GP4 12	GP5 8
Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Method 8015M				Date Analyzed: 11/10/05
Total Petroleum Hydrocarbons @ Gasoline	<1.0	<1.0	<1.0	<1.0
Surrogate Spike Recovery:	110%	112%	102%	103%
Method 8260B				Date Analyzed: 11/10/05
Benzene	<0.005	<0.005	<0.005	<0.005
Toluene	<0.005	<0.005	<0.005	<0.005
Xylenes	<0.010	<0.010	<0.010	<0.010
Ethyl Benzene	<0.005	<0.005	<0.005	<0.005
t-Butanol	<0.050	<0.050	<0.050	<0.050
Methyl-t-Butyl Ether	<0.005	<0.005	<0.005	<0.005
Di-Isopropyl Ether	<0.005	<0.005	<0.005	<0.005
Ethyl-t-Butyl Ether	<0.005	<0.005	<0.005	<0.005
t-Amyl Methyl Ether	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	<0.005	<0.005	<0.005	<0.005
Surrogate Spike Recovery:	95%	92%	92%	92%

Note(s):
Water samples are reported in ug/L; soil/sludge samples in mg/Kg; product/oil/non-aqueous liquid samples in mg/L.
ND means not detected at or above the stated reporting limit; N/A means analyte not applicable to this analysis.

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DHS Certification No. 2359

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email: info@argonlabs.com

argon laboratories

ATC Associates, Inc.
1117 Lone Palm Ave., Suite B
Modesto, CA 95351

TPH-g / BTX&E / OXYGENATES

Method: 8015M / 8260B

Date Sampled: 10/28/05
Date Received: 10/28/05

Proj. ID: 54.24614.0001
Site: Newman Investments

Matrix: Soil

Lab ID:	F10763	F10764	
Sample ID:	GP5 12	GP5 15	
Units:	mg/Kg	mg/Kg	
Method 8015M			Date Analyzed: 11/10/05
Total Petroleum Hydrocarbons @ Gasoline	<1.0	<1.0	
Surrogate Spike Recovery:	108%	116%	
Method 8260B			Date Analyzed: 11/10/05
Benzene	<0.005	<0.005	
Toluene	<0.005	<0.005	
Xylenes	<0.010	<0.010	
Ethyl Benzene	<0.005	<0.005	
t-Butanol	<0.050	<0.050	
Methyl-t-Butyl Ether	<0.005	<0.005	
Di-Isopropyl Ether	<0.005	<0.005	
Ethyl-t-Butyl Ether	<0.005	<0.005	
t-Amyl Methyl Ether	<0.005	<0.005	
1,2-Dichloroethane	<0.005	<0.005	
1,2-Dibromoethane	<0.005	<0.005	
Surrogate Spike Recovery:	92%	92%	

Note(s):
Water samples are reported in ug/L; soil/sludge samples in mg/Kg; product/oil/non-aqueous liquid samples in mg/L.
ND means not detected at or above the stated reporting limit; N/A means analyte not applicable to this analysis.

Hiram Cueto
Lab Director
DHS Certification No. 2359

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email: info@argonlabs.com

argon laboratories

ATC Associates, Inc.
1117 Lone Palm Ave., Suite B
Modesto, CA 95351

Blank / QC Data
Method: 8015M / 8260B

Proj. ID: 54.24614.0001
Site: Newman Investments

Matrix: Water

Sample ID:	Blank	Method Rep. Lim. Water	Soil
Units:	ug/L	ug/L	mg/Kg
Method 8015M		Date Analyzed: 11/10/05	
Total Petroleum Hydrocarbons @ Gasoline	<50	50	1.0
Surrogate Spike Recovery:	108%		
Method 8260B		Date Analyzed: 11/10/05	
Benzene	<0.5	0.5	0.005
Toluene	<0.5	0.5	0.005
Xylenes	<1.0	1.0	0.010
Ethyl Benzene	<0.5	0.5	0.005
t-Butanol	<5.0	5.0	0.050
Methyl-t-Butyl Ether	<0.5	0.5	0.005
Di-Isopropyl Ether	<0.5	0.5	0.005
Ethyl-t-Butyl Ether	<0.5	0.5	0.005
t-Amyl Methyl Ether	<0.5	0.5	0.005
1,2-Dichloroethane	<0.5	0.5	0.005
1,2-Dibromoethane	<0.5	0.5	0.005
Surrogate Spike Recovery:	89%		

Matrix Spike Recovery Summary

Method	Lab ID	Client ID	Analyte	% Recovery MS / MSD	RPD
8021B	F10755	GP2-12	Benzene	117 / 122	4
8021B	F10766	GP2	Benzene	105 / 101	4
8260B	F10751	GP1-8	MTBE	99 / 100	1
8260	F10765	GP1	TBA	105 / 100	5

Laboratory Control Spike Recovery Summary

Method	LCSID ID	Analyte	Percent Recovery
8015M	LCS1110F	Gas	115
8260B	LCS1110F2	ETBE	99

Note(s):
Water samples are reported in ug/L; soil/sludge samples in mg/Kg; product/oil/non-aqueous liquid samples in mg/L.
ND means not detected at or above the stated reporting limit; N/A means analyte not applicable to this analysis.

argon laboratories

ATC Associates, Inc.
1117 Lone Palm Ave., Suite B
Modesto, CA 95351

Proj. ID: 54.24614.0001
Site: Newman Investments
Matrix: Soil

TPH @ Diesel

Method 8015M

Date Sampled: 10/28/05
Date Received: 10/28/05
Date Extracted: 11/09/05
Date Analyzed: 11/10/05

Lab ID	Sample ID	Result mg/Kg	Notes	Reporting Limit (mg/Kg)	Surrogate % Recovery
F10751	GP1 8	ND		5.0	112
F10752	GP1 12	ND		5.0	113
F10753	GP1 15	ND		5.0	117
F10754	GP2 8	ND		5.0	123
F10755	GP2 12	ND		5.0	120
F10756	GP2 14	ND		5.0	119
F10757	GP3 12	ND		5.0	125
F10758	GP3 14	ND		5.0	119
F10759	GP3 16	ND		5.0	121
F10760	GP4 8	13	(g)	5.0	124
F10761	GP4 12	ND		5.0	115
F10762	GP5 8	ND		5.0	120
F10763	GP5 12	ND		5.0	119
F10764	GP5 15	ND		5.0	96

(g): Weathered diesel range hydrocarbons. Chromatographic pattern does not match typical Diesel standard.

Note(s):
Water samples are reported in ug/L; soil/sludge samples in mg/Kg; product/oil/non-aqueous liquid samples in mg/L.
ND means not detected at or above the stated reporting limit; N/A means analyte not applicable to this analysis.

Hiram Cueto
Lab Director
DHS Certification No. 2359

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email: info@argonlabs.com

argon laboratories

ATC Associates, Inc.
1117 Lone Palm Ave., Suite B
Modesto, CA 95351

Blank / QC Data

Method: 8015M

Date Extracted: 11/09/05
Date Analyzed: 11/10/05

Proj. ID: 54.24614.0001
Site: Newman Investments
Matrix:Water

Lab ID	Sample ID	Analyte	Result ug/L	Reporting Limit (ug/L)	Surrogate % Recovery
BLKF1109F	Blank	Diesel	ND	50	119

MS / MSD Recovery Summary

Lab ID	Client ID	Analyte	Percent Recovery MS / MSD	%RPD
F10766	GP2	Diesel	95 / 95	0

LCS Recovery Summary

Lab ID	Analyte	Percent Recovery
LCS1109F	Diesel	96

Note(s):
Water samples are reported in ug/L; soil/sludge samples in mg/Kg; product/oil/non-aqueous liquid samples in mg/L.
ND means not detected at or above the stated reporting limit; N/A means analyte not applicable to this analysis.

ATC ASSOCIATES, INC.

CHAIN OF CUSTODY

Project Information:	Report To:	Samples Submitted To:
Project No: 54,316141.0001	Consultant: ATC Associates Inc.	Laboratory: Argon Labs
Project Title: Newman Investments	Address: 1117 Lone Palm Avenue, Suite B, Modesto, California 95351	Address: 3037 5th Street, Ceres, CA 95307
Location: Newman, CA	Contact:	Contact:
Sampler's Name: (print) Nathan Christman	Phone: (209) 579-2221	Phone: (209)581-9280
Sampler's Signature: Nathan Chr	Fax: (209) 579-2225	Fax: (209)581-9282
	Bill To:	Date Results Required:
	Client: Same	Date Report Required:
	Address:	

TURN AROUND TIME

RUSH	24 Hour	48 Hour	Standard (5 Day)	Special (10 Day)
☐	☐	☐	☐	☒

ANALYSIS

Sample ID.	Date	Time	# Containers	Matrix	TPH-g/BTXE 8260B Water	TPH-Diesel 8015B Modified	TEPH	8260B-Oxygenates (+1,2DCA & EDB)	8260B- Full Scan	Total Lead							COMMENTS Preservative
GP1	102805	1000	5	water	X	X		X									Ice, HCl in VOAs
GP2	102805	1055	5	water	X	X		X									↓
GP3	102805	1135	5	water	X	X		X									
GP4	102805	1225	5	water	X	X		X									
GP5	102805	1305	5	water	X	X		X									
FW	102805	1210	5	water	X	X		X									Ice, HCl in VOAs
TB	102805	0800	2	water	X			X									Ice

Relinquished By:	Date:	Time:	Received By:	Date:	Time:	SPECIAL INSTRUCTIONS:
Nathan Chr	10-28-05	1540	Christie Rees	10/28/05	16:50	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	

argon laboratories

ATC Associates, Inc.
1117 Lone Palm Ave., Suite B
Modesto, CA 95351

TPH-g / BTX&E / OXYGENATES

Method: 8015M / 8260B

Date Sampled: 10/28/05
Date Received: 10/28/05

Proj. ID: 54.24614.0001
Site: Newman Investments

Matrix: Water

Lab ID:	F10765	F10766	F10767	F10768
Sample ID:	GP1	GP2	GP3	GP4
Units:	ug/L	ug/L	ug/L	ug/L
Method 8015M				Date Analyzed: 11/10/05
Total Petroleum Hydrocarbons @ Gasoline	<50	<50	<50	<50
Surrogate Spike Recovery:	116%	110%	108%	103%
Method 8260B				Date Analyzed: 11/10/05
Benzene	<0.5	<0.5	<0.5	<0.5
Toluene	<0.5	<0.5	<0.5	<0.5
Xylenes	<1.0	<1.0	<1.0	<1.0
Ethyl Benzene	<0.5	<0.5	<0.5	<0.5
t-Butanol	<5.0	<5.0	<5.0	<5.0
Methyl-t-Butyl Ether	<0.5	<0.5	<0.5	<0.5
Di-Isopropyl Ether	<0.5	<0.5	<0.5	<0.5
Ethyl-t-Butyl Ether	<0.5	<0.5	<0.5	<0.5
t-Amyl Methyl Ether	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	<0.5	<0.5	<0.5	<0.5
1,2-Dibromoethane	<0.5	<0.5	<0.5	<0.5
Surrogate Spike Recovery:	97%	93%	94%	91%

Note(s):
Water samples are reported in ug/L; soil/sludge samples in mg/Kg; product/oil/non-aqueous liquid samples in mg/L.
ND means not detected at or above the stated reporting limit; N/A means analyte not applicable to this analysis.

Hiram Cueto
Lab Director
DHS Certification No. 2359

2905 Railroad Avenue, Ceres, CA 95307 • Phone (209) 581-9280 • Fax (209) 581-9282
email: info@argonlabs.com

argon laboratories

ATC Associates, Inc.
1117 Lone Palm Ave., Suite B
Modesto, CA 95351

TPH-g / BTX&E / OXYGENATES

Method: 8015M / 8260B

Date Sampled: 10/28/05
Date Received: 10/28/05

Proj. ID: 54.24614.0001
Site: Newman Investments

Matrix: Water

Lab ID:	F10769	F10770	F10771	
Sample ID:	GP5	FW	TB	
Units:	ug/L	ug/L	ug/L	
Method 8015M				Date Analyzed: 11/10/05
Total Petroleum Hydrocarbons @ Gasoline	<50	<50	<50	
Surrogate Spike Recovery:	107%	90%	106%	
Method 8260B				Date Analyzed: 11/10/05
Benzene	<0.5	<0.5	<0.5	
Toluene	<0.5	<0.5	<0.5	
Xylenes	<1.0	<1.0	<1.0	
Ethyl Benzene	<0.5	<0.5	<0.5	
t-Butanol	<5.0	<5.0	<5.0	
Methyl-t-Butyl Ether	<0.5	<0.5	<0.5	
Di-Isopropyl Ether	<0.5	<0.5	<0.5	
Ethyl-t-Butyl Ether	<0.5	<0.5	<0.5	
t-Amyl Methyl Ether	<0.5	<0.5	<0.5	
1,2-Dichloroethane	<0.5	<0.5	<0.5	
1,2-Dibromoethane	<0.5	<0.5	<0.5	
Surrogate Spike Recovery:	92%	93%	90%	

Note(s):
Water samples are reported in ug/L; soil/sludge samples in mg/Kg; product/oil/non-aqueous liquid samples in mg/L.
ND means not detected at or above the stated reporting limit; N/A means analyte not applicable to this analysis.

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Proj. ID: 54.24614.0001
Site: Newman Investments
Matrix: Water

TPH @ Diesel

Method 8015M

Date Sampled: 10/28/05
Date Received: 10/28/05
Date Extracted: 11/09/05
Date Analyzed: 11/10/05

Lab ID	Sample ID	Result ug/L	Notes	Reporting Limit (ug/L)	Surrogate % Recovery
F10765	GP1	ND		50	119
F10766	GP2	ND		50	112
F10767	GP3	ND		50	109
F10768	GP4	ND		50	105
F10769	GP5	ND		50	108
F10770	FW	ND		50	110

Note(s):
Water samples are reported in ug/L; soil/sludge samples in mg/Kg; product/oil/non-aqueous liquid samples in mg/L.
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Proj. ID: 54.24614.0001
Site: Newman Investments
Matrix: Water

Blank / QC Data

Method: 8015M

Date Extracted: 11/09/05
Date Analyzed: 11/10/05

Lab ID	Sample ID	Analyte	Result ug/L	Reporting Limit (ug/L)	Surrogate % Recovery
BLKF1109F	Blank	Diesel	ND	50	119

MS / MSD Recovery Summary

Lab ID	Client ID	Analyte	Percent Recovery MS / MSD	%RPD
F10766	GP2	Diesel	95 / 95	0

LCS Recovery Summary

Lab ID	Analyte	Percent Recovery
LCS1109F	Diesel	96

Note(s):
Water samples are reported in ug/L; soil/sludge samples in mg/Kg; product/oil/non-aqueous liquid samples in mg/L.
ND means not detected at or above the stated reporting limit; N/A means analyte not applicable to this analysis.

APPENDIX D

Electronic Submittal Information

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Your EDF file has been successfully uploaded!

Confirmation Number: 6626119017
Date/Time of Submittal: 12/9/2005 2:49:46 PM
Facility Global ID: T0609900268
Facility Name: GC AND SP TRUCKING
Submittal Title: Subsurface Investigation Report - (GP1-GP5 and FW)
Submittal Type: Soil & Water Investigation Report

Click here to view the detections report for this upload.

GC AND SP TRUCKING
2007 L
NEWMAN, CA 95360

Regional Board - Case #: 500329
CENTRAL VALLEY RWQCB (REGION 5S) - (MTS)
Local Agency (lead agency) - Case #: 187
STANISLAUS COUNTY LOP - (VJ)

CONF #	TITLE	QUARTER
6626119017	Subsurface Investigation Report - (GP1-GP5 and FW)	Q4 2005

SUBMITTED BY	SUBMIT DATE	STATUS
Jim Kundert	12/9/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	7
# FIELD POINTS WITH DETECTIONS	7
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	SOIL,WATER

METHOD QA/QC REPORT

METHODS USED	8260FAB,M8015,SW8020F
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FAB REQUIRES ETHANOL TO BE TESTED	
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	Y
- MATRIX SPIKE DUPLICATE	Y
- BLANK SPIKE	Y
- SURROGATE SPIKE - NON-STANDARD SURROGATE USED	Y

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	N
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	Y
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	Y
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	Y	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Electronic Submittal Information

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Facility Name:	**GC AND SP TRUCKING**
Global ID:	**T0609900268**
Field Pt Name:	**GP1**
Submittal Type:	**GEO_BORE**
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Global ID:	**T0609900268**
Field Pt Name:	**GP4**
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Facility Name:	**GC AND SP TRUCKING**
Global ID:	**T0609900268**
Field Pt Name:	**GP5**
Submittal Type:	**GEO_BORE**
Submittal Date/Time:	**12/9/2005 3:36:43 PM**
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Facility Name:	**GC AND SP TRUCKING**
Global ID:	**T0609900268**
Submittal Type:	**GEO_MAP**
Submittal Date/Time:	**12/9/2005 3:26:42 PM**
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